

ABSTRACT

The present invention provides an impaired glucose tolerance ameliorating drug and a therapeutic drug for
5 lifestyle-related diseases, particular an antidiabetic drug, which contain a CXCR3 agonist as an active ingredient; a hypoglycemia ameliorating drug, a therapeutic drug for insulinoma or an anti-obesity drug containing a CXCR3 antagonist as an active ingredient; a method of screening for a
10 new CXCR3 ligand using CXCR3 and a known CXCR3 ligand; a method of screening a CXCR3 ligand, which uses a co-expression system of CXCR3 and a coupling G protein; and a diagnostic method for type II diabetes, which includes detecting an amount of a CXCR3 ligand expressed in a biological sample.

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